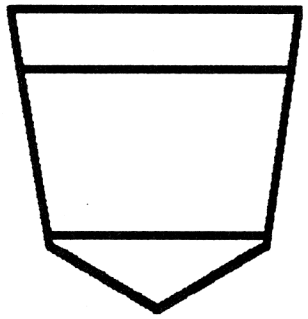
POCKET COMPUTER NEWSLETTER



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Advertisers Edition 06 - December

HERE IS ANOTHER ADVERTISERS EDITION!

In order to help our readers stay up to date on new products being introduced to the PC market, we produce these special *Advertisers Editions* of *PCN*. These editions are dedicated to displaying the products of merchants that have products we believe will be of interest to you.

The appearance of an advertisement in this publication does not constitute an endorsement of the product or supplier by *PCN*. However, we are interested in hearing about your experiences with the firms and products advertised herein.

If you find someone who gives exceptional service, let us know so that we may spread the good word. If you are particularly pleased with a new product, tell us why.

On the other hand, if someone or something does not measure up to your standards, tell us about the problem. We do not desire to continue carrying advertising from firms that do not provide fair value for your hard earned dollars.

Be sure and tell merchants that you deal with that you saw their advertisement in *PCN*. Thanks!

DO YOU HAVE A SHARP PC-1500, A RADIO SHACK PC-2 OR Just Looking For A Real COMPUTER That Won't Take Up All The Room In Your Briefcase

USONICS is offering a modification that will put real power into your PC. THE USONICS U-12 modification will add 10,240 free bytes of RAM memory to the already existing 1850 bytes of standard user memory, giving you a total of 12,090 free bytes of memory (the total RAM = 12,090 bytes of user memory + 624 bytes of fixed numerical variables A-Z and fixed character variables A$-Z$ + 189 bytes of reserve memory = 12,903 bytes of total RAM memory).

The USONICS U-12 memory starts at address 4000 hex ends at 6FFF hex. Since the 40 pin expansion port in the back of the PC is undisturbed you can still install the Sharp (8k) CE-159 battery backed RAM module, the (16k) CE-161 battery backed RAM module and any of the Sharp ROM software modules. Now that Sharp has released its CE-161 (16k battery backed RAM module you can simply plug it into the back of a USONICS modified PC and have a total of 29.2k of RAM. Installing the (8k) CE-159 battery backed module in conjunction with a USONICS U-12 modified PC you will have a powerful 21.1k of RAM. Think of how much power your data base program can now have or how much head room you ROM software modules will have!

There are four versions of the USONICS U-12 modification to fit your budge (and now at a new low price). Please remember that since the USONICS U-12 uses address space 4000 hex above, the Sharp (4k) CE-151 and the (8k) CE-155 and their Radio Shack equivalent (4k) RS 26-3615, (8k) 26-3616 are no longer usable. For those of you who are stuck with your Sharp CE-155 or Radio Shack (8k) RS 26-36-16; the USONICS U-12A and U-12C modification becomes a money saving bargain.

For all of you who are machine language programmers we recommend the (8k) CE-159 or the (16k) CE-161 battery backed module, in conjunction with the U-12 modification. They give you a starting address of 2000 hex and respectively. In this way you can run your machine language programs unmodified and also have more leg room to add extra machine language programming and more head room to enlarge your basic program.

Since Christmas is coming close we decided to get into the holiday spirit early and sell the U-12D with a 16k CE-161 for a meager $408.50, a super bargan. This will give you the RAM at the lowest price per k (13.99/k). This sale is only good until December 31, 1983.

1 ☐ U-12A using your PC and your (8k) CE-155 (or Radio Shack (8k) RS 26-3616 total RAM 12.9k ..... @ $ 99.95
2 ☐ U-12B using your PC which we modify, total RAM 12.9k ..... @ $149.95
3 ☐ U-12C using Sharp (8k) CE-155 or Radio Shack (8k) RS 26-3616 which we modify and install into a new Sharp PC-1500, total RAM 12.9k ..... @ $239.95
4 ☐ U-12D a new modified Sharp PC-1500, total RAM 12.9k ..... @ $289.95
5 ☐ U-12D plus a (8k) CE-159 battery backed module, total RAM 21.1k ..... @ $359.95
6 ☐ U-12D plus a (16k) CE-161 battery backed module, total RAM 29.2k (at $13.99/k This is a super bargain) ..... @ $408.50
7 ☐ The Above with the CE-150 printer/cassette interface. ..... @ $580.00
8 ☐ With the purchase of a U-12A, U-12B, or U-12C, you may purchase a CE-159 (8k) battery backed RAM module. ..... @ $ 90.00
9 ☐ With the purchase of a U-12A, U-12B, or U-12C you may purchase a CE-161 (16k) battery backed RAM module. ..... @ $150.00
10 ☐ CE-150 printer/cassette interface ..... @ $175.00
11 ☐ CE-158 RS 232C/parallel interface ..... @ $175.00
12 ☐ Brother Correctronic 50 typewriter ..... @ $375.00
13 ☐ Brother IF50 serial/parallel Interface Box for Correctronic 50 Typewriter ..... @ $165.00
14 ☐ Brother EP22 Personal Typewriter *with RS 232C Interface* ..... @ $250.00
15 ☐ Sharp Pencil, Wordprocessor program for CE-150 ..... @ $ 39.95
16 ☐ Micro base, Data base program ..... @ $ 39.95
17 ☐ Stringy floppy data drive, loads and checks a 29k program in about 60 seconds. (AVAILABILITY LIMITED) ..... @ $389.95
18 ☐ Sharp ROM modules ..... @ $ 54.95
19 ☐ Please send me more information on the above modification. (USONIC bar code reader for the PC-1500 and PC-2 availability March 1984).

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USONICS
7901 Oak Hill Drive ● Cheltenham, PA 19012

Pocket Computer Programs
for **PC-2 & PC-1500**

PocketCalc™ IV *A spreadsheet program.* Capacity with 4K RAM module is 64×2 to 4×39 rows/columns (about 140 cells); 99×6 to 17×39 (about 640 cells) with 8K. Financial and scientific format. Named rows. Advanced user interface . . . 4 auto repeat directional keys for scanning cells, instant recall menu and function keys. Prints bar charts and line graphs. **$29.95.**

PocketFile™ *For computerizing your card files and lists.* Easy retrieval of data with sorting, selection, browsing and printing. Define your own data items. About 3K bytes free for data with 4K RAM module. Use for inventories, phone numbers, collections, dates, more. **$22.95.**

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for **PC-1 & PC-1211**

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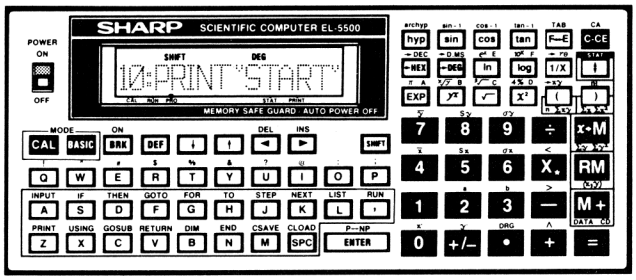

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CE161	16K RAM for PC1500, PC1500A, or PC-2	$159.90
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Carleton Micro Systems has developed a memory expansion module which stores source codes permanently. And the source code is protected against any kind of viewing, copying, or editing. Program protection is accomplished by disabling the LIST, LLIST, CSAVE, and editing functions.

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PRACTICAL APPLICATIONS

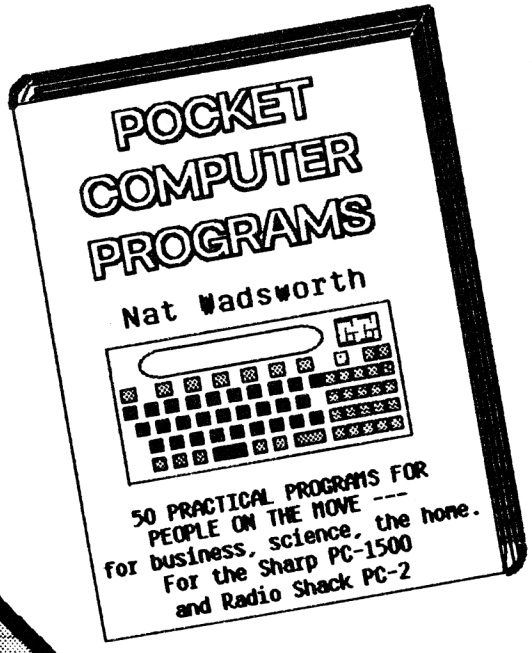
Programs for your Pocket Computer

A superb collection of programs specifically tailored for PC-2 and PC-1500 owners. Here is how the publisher, **Hayden Book Company, Inc.**, describes this new book:

"Use your pocket computer to get the edge in business, keep track of home activities, make engineering calculations -- or while away a quiet moment with a game of pocket Blackjack or Hunt the Wumpus. You can even teach your pocket computer to play Bach.

Here are 50 thoroughly tested, ready-to-run programs written by experts throughout the world and compiled by the editor of the *POCKET COMPUTER NEWSLETTER*. Here's just a sample: Business programs keep personal calendars, calculate amortizations, monitor trip expenses, calculate payroll taxes. Math programs convert numbers to any base, solve polynomials and simultaneous equations. . . even do regression analyses. Engineering programs do fast Fourier transforms, design electronic filters, fit curves, plot histograms. Home and entertainment programs keep shopping lists straight, take memos, and play Hangman or Tic-Tac-Toe -- or even Prelude II from the Well Tempered Clavier. And much, much more.

Each application includes an introduction by the author, a complete program listing, and a sample run. These programs have been tested on the Sharp PC-1500 and Radio Shack PC-2. Some programs may require a printer/plotter or a memory expansion module."



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